

Inspection Procedure

1. Are there any other codes (besides DTC P3115) being output?

YES: Go to relevant DTC chart .

NO: Go to Next Step

2. Check for open and short in wire harness between HV ECU terminals (V+, IB V-) and system main relay terminals (6, 7, 2) .

Preparation:

- a. Disconnect the connector from the battery ECU.
- b. Disconnect the connector from the system main relay.

Check:

Check that the wire harness between the battery ECU and the system main relay is short and open.

OK: No short and open

NG: Repair or replace the wire harness .

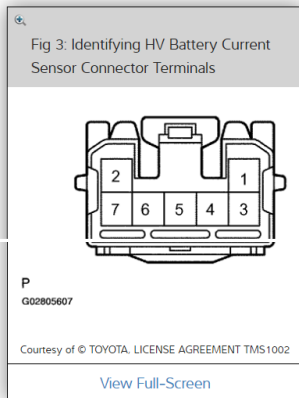
OK: Go to Next Step

c. Check resistance of HV battery current sensor (In system main relay) .

Check:

Using an ohmmeter, measure the resistance between terminals.

OK:



STANDARD RESISTANCE

Terminal No. (Tester+)	Terminal No. (Tester-)	Resistance
6	7	30 - 50 kΩ
6	2	More than 10 MΩ
7	6	30 - 50 kΩ
7	2	More than 10 MΩ
2	6	300 - 400 kΩ
2	7	3-5 MΩ

NG: Replace the system main relay .

OK: Check fitting of connector S8 of system main relay and correct if necessary .

